EPSON® AcuLaser™ C8600

EPSON AcuLaser C8600

PART NUMBERS (UK)

AcuLaser C8600	C11C457011DA
AcuLaser C8600PS	C11C457011DB
AcuLaser C8600PSDT	C11C457011DC
Color Station 8600	C11C457011DD

Note: for the full list of components included in the Color Station 8600, please go to the very end of these specifications.

GENERAL

Printing Method	Laser
Engine Resolution	True 600 dpi
Resolution Enhancement	EPSON AcuLaser Colour 2400 dpi RIT with EPSON AcuLaser Colour ASIC Printing Technologies
Print Speed (page per minute)	35 ppm (A4) at 600 dpi Black and 8 ppm (A4) Colour Simplex 27,4 ppm (A4) at 600 dpi Black and 8 ppm Colour Duplex. (Duplex speed is quoted for printing each side)
Processor	400 MHz RISC Power PC 750CX
First page Out	Face up - 8,3 seconds or less for Black - 19,6 seconds or less for Colour Face down - 10,4 seconds or less for Black - 21,7 seconds or less for Colour
Warm up time (either when powered up or standby mode)	330 seconds or less (Black and Colour) at normal temperature

WEIGHT AND DIMENSIONS

Dimensions

Main Unit	650 (W) x 647 (D) x 554 (H) mm
Main Unit with Optional 500 sheet cassette equipped with foot	575 (W) x 602 (D) x 164 (H) mm
Main Unit with Optional 2 x 500 sheet cassette	578 (W) x 602 (D) x 264 (H) mm

Weight

Main Unit only (including consumables)	70 kg
Optional 2 x 500 Sheet Cassette	21,2 kg
Optional 500 sheet Cassette with foot	13,3 kg

PAPER HANDLING *(All paper capacities assume 75 g/m² paper)*

Maximum Printable Area	318 mm (W) / 443 mm (L)
Guaranteed Printable Area	Entire A3 paper area except for a 5 mm margin at each edge
Standard Paper Input	150 sheet multi purpose tray - A3W, A3, A4, A5, B4, B5, Executive, Letter, GLG, LGL, GLT, Half Letter, B (LD), F4, Monarch, Commercial 10, DL, C5, C6, IB5, Custom - Plain paper, Recycled paper, Labels, Envelopes[2], Transparencies[2], Thick[2] and extra thick[2] paper, EPSON Colour Laser paper - 64 – 105 g/m² or up to 250 g/m² on extra thick paper
	1 x 250 Sheet Paper Cassette - A3, A4, B4, Executive, Letter, Legal, B (LD) - Plain paper, Recycled paper, EPSON Colour Laser paper - 64 – 105 g/m²
Optional Paper Input	500 Sheet Paper Cassette Unit (C12C813871)(1) - A3, A4, B4, Executive, Letter, Legal, B (LD) - Plain paper, Recycled paper, EPSON colour paper - 64 – 105 g/m²
	2 x 500 Sheet Large Paper Cassette Unit (C12C813891)(1) - A3, A4, B4, Executive, Letter, Legal, B (LD) - Plain paper, Recycled paper, EPSON colour paper - 64 – 105 g/m²
	250 sheet Paper cassette A3W(2) - Plain paper, Recycled paper, EPSON colour paper - 64 – 105 g/m²

(1) C12C813871 and C12C813891 cannot be installed simultaneously.
(2) To be installed in place of standard 250 sheets paper cassette

Additional Optional Paper Handling

Duplex Unit	- Plain paper, Recycled paper, EPSON Colour Laser paper - Paper size: A3, A4, B4, B5, Letter, B (LD), Legal, GLT, GLG, Executive, F4 - 64 – 105 g/m² *Note: Extra Thick paper, Thick paper, Transparencies, Labels and Envelopes cannot be printed using the Duplex unit*
Maximum Paper Input	1,400 pages
Maximum Paper Output	250 Sheets (face down tray), 150 Sheets face up, up to A4 (50 Sheets larger than A4)

1 – 600 dpi or 300 dpi mode only
2 – Engine will run at half speed when using this media

RESIDENT TYPEFACES FONTS

Scalable fonts	84 ESC/Page-Colour, 80 PCL, 10 ESC/P2 Mode, 8 FX, 8 IBM
Bitmap fonts	7 ESC/Page-Colour, 7 PCL
Barcode fonts	7 [EAN, UPC-A, UPC-E, Code39, Code 128, Interleaved 2 of 5 (ITF), Codabar]
NLSP (National Language Support Program)	Supported as standard in the main unit font ROM

INTERFACES

Standard	IEEE 1284 bi-directional compatible and ECP compatible parallel interface Universal Serial Bus (USB) 1.1 compliant 100Base TX / 10BaseT Ethernet Card Interface
Printing protocols (for Ethernet Card)	- TCP/IP (LPR, FTP, IPP, PORT9100) - Microsoft Network (SMB) - Novell NetWare (NDS Print Server, Bindery Print Server, Remote Printer) - AppleTalk
Management Protocols (for Ethernet Card)	- TCP/IP (SNMP, ENPC*, HTTP, TELNET, DHCP, BOOTP, PING) - Microsoft Network (APIPA, SSDP - NetBEUI (SNMP, ENPC*) - NetWare (SNMP, ENPC*) - AppleTalk (SNMP, ENPC*) ** EPSON Network Peripheral Control Protocol*
Option	1 interface type B slot (empty)

MEMORY

Standard Generic	64 MB SDRAM (AcuLaser C8600) 192 MB SDRAM (AcuLaser C8600PS) 384 MB SDRAM (AcuLaser C8600PSDT) 192 MB SDRAM (Color Station 8600)
Maximum	1.024 MB SDRAM
Memory expansion specification	Two slots (One slot for the standard SDRAM) *Note1: To install the maximum amount of memory, the standard 64 MB DIMM must be removed and replaced by 2 x 512 MB SDRAM.* *Note2: An extra 128 MB of RAM (7000774) is needed when upgrading from Standard version to PS version.*
Type of Memory	64-Bit High Speed PC 100 or PC-133 SDRAM DIMM

PRINTER CONTROL LANGUAGE EMULATIONS

Standard	- ESC/Page-Colour, PCL5e (B/W), EPSON GL/2 (B/W), FX (B/W), ESCP2 (B/W), IBM Mode I239X (B/W), ESC/Page (B/W) - Adobe® PostScript® 3™ standard on AcuLaser C8600PS and PSDT versions
Optional	Adobe® PostScript® 3™ Kit (C12C832491) *Note that an extra 128 MB of SDRAM DIMM (7000774) is required when installing the Adobe PostScript 3 kit*

DRIVERS

Bundled with Standard version	Windows 95/98/2000/Me/XP NT4.0 Mac OS 8.1
Bundled with PostScript® version	Windows 95/98/2000/Me/XP NT4.0 Mac OS 8.1

ENVIRONMENTAL CONDITIONS (Operating)

Temperature	10 °C to 32 °C (without condensation)
Humidity	15 % – 85 % RH (without condensation)
Acoustic Noise Level (ISO 7779 9-point method)	35 dB(A) Energy Saving Mode, 54,8 dB(A) Operating

SAFETY AND REGULATIONS

Safety Standards	Low Voltage Directive 73/23/EEC, EN60950
EMC	EMC Directive 89/336/EEC EN 55022 Class B EN 55024 EN 61000-3-2 EN 61000-3-3
Ozone Concentration	0,01 ppm or less (Blue Angel Standard Compliance)
Ozone Generation	Conform to UL 478, 5th printing
Materials	Swiss Environmental Protection Acts compliance (contains no Cds)
Chemical regulations	OSHA, TSCA, EINECS
Electrical Power Consumption	Conforms to International Energy Star Program standard

RELIABILITY AND DURABILITY

Maximum Monthly Volume	60.000 pages
Total Printer Life	180.000 pages (450.000 images)* or 5 years, whichever comes first ** A4 landscape printing*

CONSUMABLE LIFE (A4 @ 5% COVERAGE)

Black Toner Cartridge	(C13S050038) 5.500 pages
Cyan Toner Cartridge	(C13S050041) 6.000 pages
Magenta Toner Cartridge	(C13S050040) 6.000 pages
Yellow Toner Cartridge	(C13S050039) 6.000 pages
Photoconductor Unit	(C13S051082) 50.000 pages (B/W) or 12.500 pages colour
Waste toner collector	(C13S050020) 20.000 pages

Those figures are approximate and are based on the number of sheets printed under conditions of continuous printing. Intermittent use may reduce page yield.

A4 Color Laser Coated Paper – Glossy Finish (1.000 sheets per pack)	C13S041383
A3 Color Laser Coated Paper – Glossy Finish (1.000 sheets per pack)	C13S041384
A3W Color Laser Paper (5 packs of 250 sheets each)	C13S041217

OPTIONS FOR ACULASER C8600

- 6 GB Hard Disc Drive (C12C823921)
- 2 x 500 Sheet Large Capacity Paper Unit (C12C813891)
- 500 Sheet Paper Cassette Unit (C12C813871)
- 250 Sheet Lower Paper Cassette A3W (C12C813521)
- Duplex Unit (C12C813881)
- Adobe® PostScript® 3™ Kit (C12C832491)
- EpsonNet 10/100BaseTX Internal Print Server (C12C823914)
- Serial Interface RS-232 32K Buffer (C12C823081)
- IEEE 1394 Type B Interface Card (C12C823723)

COLOR STATION 8600

Includes the following items as standard:

- AcuLaser C8600 base unit (C11C457011)
- A total of 192 MB memory
- 2 x 500 Sheet Cassettes (C12C813891)
- Adobe® PostScript® 3™ Kit (C12C832491)
- Copy module (C12C850172)
- Cabinet (C12C847043)
- EPSON Scanner GT-10000 + (B11B107022DA)

POWER REQUIREMENTS

Rated Voltage	220 V to 240 V
Rated Frequency	50 Hz/ 60 Hz ± 3 Hz
Rated Current	5 A
Power Consumption maximum (Operating)	1200 W or less
Power Consumption average (Operating)	550 Wh (colour) 750 Wh (black) or less
Power Consumption (Standby)	240 Wh or less

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Specifications subject to change.
All manufacturers trademarks acknowledged.

ISO BVQI 14001 Certification Number 80679

EPSON COVERPLUS

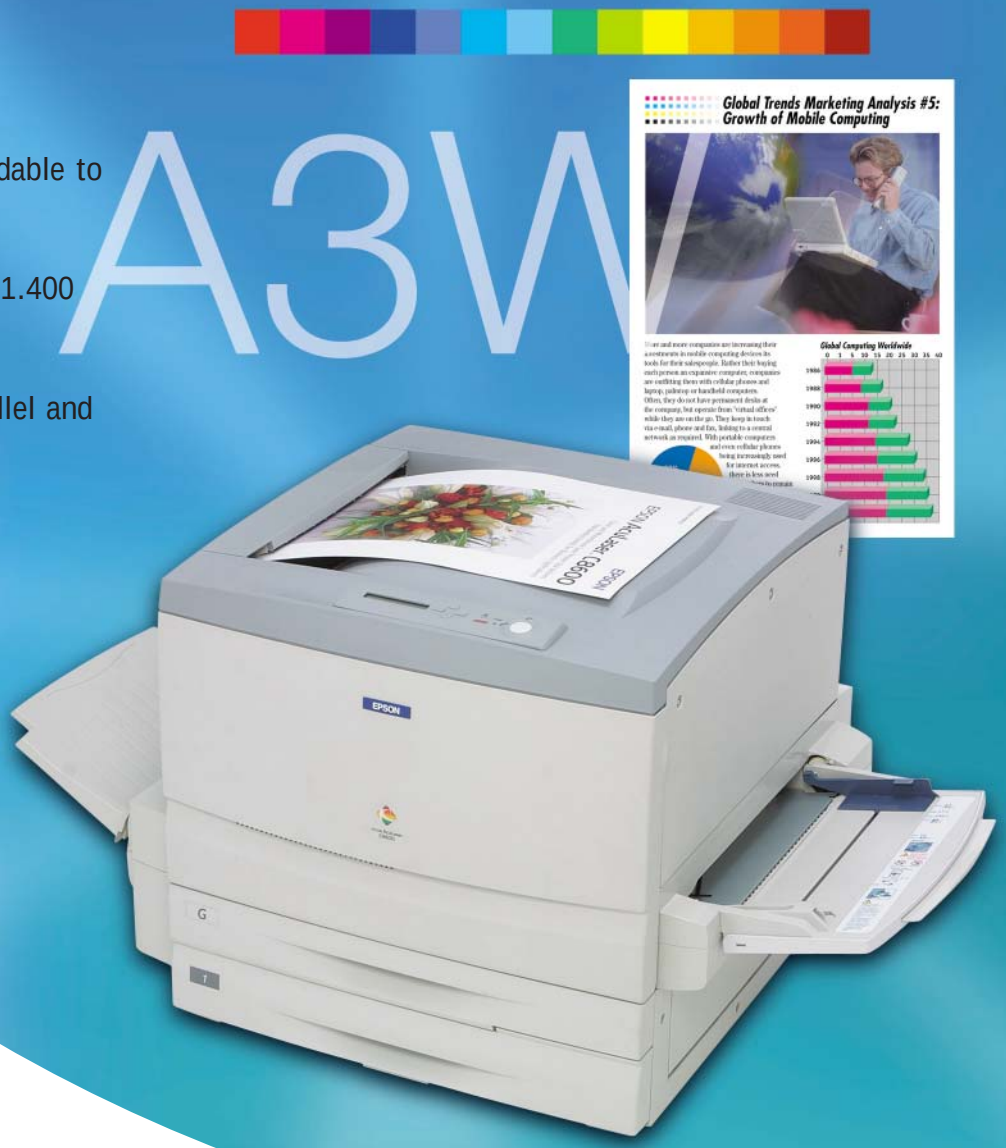
EPSON AcuLaser

EPSON

EPSON® AcuLaser™ C8600

- Professional A3 W colour laser printer
- Fast print speeds – up to 8 ppm colour, 35 ppm mono
- First colour page print time of 19,6 seconds
- 400 MHz RISC processor
- Standard 64 MB memory expandable to 1024 MB
- 2400 dpi RIT
- Versatile paper handling up to 1.400 sheets
- Advanced job management
- Standard USB, high speed parallel and 10/100 BaseTX connectivity
- PC and Mac compatible
- One year On-Site warranty

A3W



Professional high performance A3W colour laser printer

EPSON AcuLaser C8600 is the perfect professional printing solution for users who require exceptional quality colour and mono output on a range of media formats from C5 up to A3W in size.

The AcuLaser C8600 is particularly suitable for producing visual aids, training material, business reports, spreadsheets, charts and Computer Aided Design (CAD) images.

The AcuLaser C8600PS fully supports Adobe® PostScript® 3™, making it the ideal solution for graphic arts users requiring the best results on paper up to A3W with crop marks.

A wide range of media formats are supported, including plain paper, glossy media and card up to 250 gsm thick, while input capacity is expandable up to 1.400 sheets via two optional 500 sheet cassettes, and double sided printi is available via an optional duplex unit.

EPSON® AcuLaser™ C8600

Outstanding print quality and versatility to match demanding applications

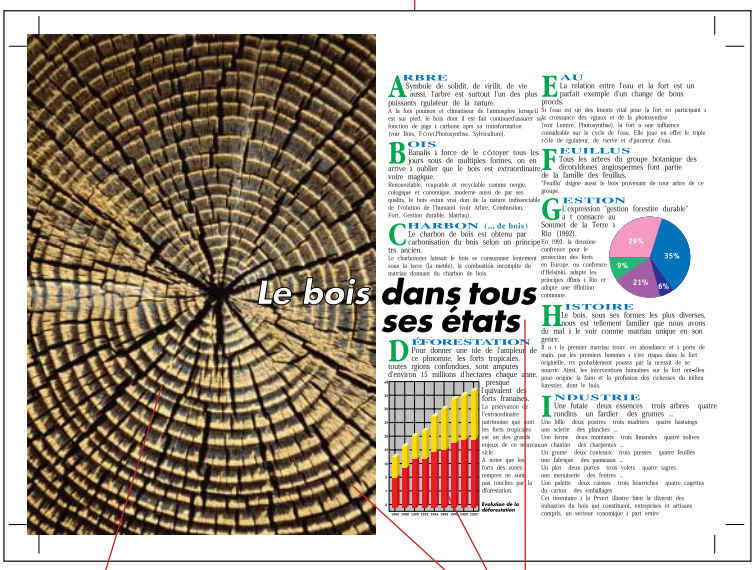
The new EPSON AcuLaser C8600 is able to achieve superb print quality by utilising a combination of EPSON's exclusive AcuLaser Color Laser Technologies.

Combined power of 400 MHz processor and AcuLaser Colour ASIC

EPSON AcuLaser Colour ASIC

The heart of the AcuLaser C8600 is its powerful printer controller. A high performance 400 MHz processor and a uniquely designed EPSON AcuLaser Colour ASIC combine to ensure maximum throughput by the rapid processing of even the most complex and demanding colour print jobs.

The EPSON AcuLaser Colour ASIC provides the processing power behind the following key technologies:



EPSON AcuLaser Fine Dot Control technology

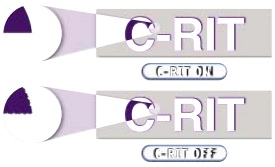
Boosting the printer's original 600 dpi resolution to an effective 2400 dpi by accurately controlling the size and position of each dot on the page. Combined with colour dot placement algorithms developed for EPSON's award winning colour inkjet technology, enables unrivalled print quality in graduated fills and photographs.

EPSON AcuLaser Adaptive Data Compression

EPSON AcuLaser Data Compression has been developed to eliminate the bottlenecks in processing colour documents caused by compressing and decompressing data. It works by adapting different compression algorithms depending on the type of object on the page to be printed e.g. text, images, line drawings etc. This has resulted in an improvement in total throughput time.

EPSON AcuLaser Colour-RITech

EPSON Colour Resolution Improvement Technology is a development of EPSON's own mono RIT – for smooth presentation of colour text characters and curved lines. It eliminates dotted or jagged edges in colour text, and ensures that even finely detailed areas are reproduced sharply, making charts, graphs and detailed CAD and schematics come alive with clear, crisp tones.



Smooth presentation of curved lines and text characters

EPSON AcuLaser Intelligent Line Screening technology

Developed from EPSON's inkjet printers,this technology automatically distinguishes between photographic images, text and line drawings all on one page and alters the Line Screening and Colour Correction on that particular area of the page. For example photographic images are printed at a suitable line screening frequency for good gradations and colour correction for photo realistic output, while text areas are printed with high line screening for vivid output.

Flexible and easy to use

An optional Hard Disc Drive provides a range of job management functions designed to both enhance and streamline printing activities.

Job Reprint

Allows users to store a job, reprint it and delete data directly from the control panel.

Job Verification

Enables users to print one copy of a job to verify the content before printing multiple copies.

Job Storage

Provides a facility for storing frequently printed documents until required.

Confidential Job Printing

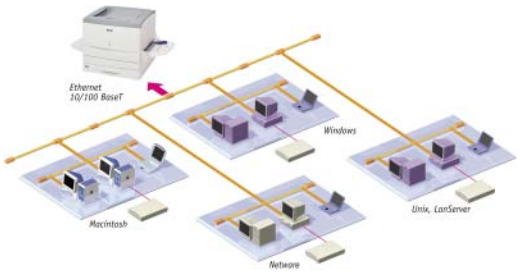
A secure, password-protected job storage option for printing confidential documents at printer-side via the printer control panel.

Job Cancellation

A simple option of cancelling a print job at any time on the printer's front panel.

Form Overlay

A function designed for creating form overlays, which can then be stored in the hard disk drive until required.



High Speed Network printing

The AcuLaser C8600 is network-ready, with a standard 10/100 BaseTX network interface, full support for standard protocols including TCP/IP, IPX, http, SNMP and NetBEUI, and a range of network tools which ensure optimum simplicity and performance:

EPSON Net WebManager

This sophisticated but straightforward Web tool is designed to help administrators manage the printer via a remote connection.

EPSON Net WebAssist

A facility that enables configuration of network printer settings via an Internet navigator.

Comprehensive Connectivity

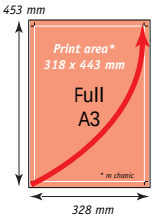
Simple connectivity is assured by the EPSON AcuLaser C8600's standard high speed parallel interface, a USB interface for direct connection to PC and Mac computers and as a standard Ethernet interface for sharing the printer on a network.

Effortless Performance

The EPSON AcuLaser C8600 makes professional printing simple, with a range of preset settings for optimal performance and quality, and quick, efficient use of computer resources. A wealth of additional settings are also available for advanced users. Comprehensive information is provided by the on-screen EPSON Status Monitor 3, which keeps track of everything from toner and paper levels to full description of any error messages and simple step-by-step maintenance and trouble-shooting assistance.

Versatile Paper Handling

The AcuLaser C8600 is compatible with a wide range of media (plain paper, glossy paper and card up to 250 gsm on paper sizes from C5 up to A3 W), has a potential input paper capacity of 1.400 sheets via two optional 500 sheet cassettes, and offers double-sided printing via the optional duplex unit.



Easy to Maintain

When the time comes,changing consumables is a very simple process,thanks to colour-coded toner cartridges that are easily accessible and can be replaced individually.

EPSON Color Station 8600

EPSON's Color Station 8600 provides a cost efficient and flexible solution for colour copying, printing and network scanning in an office environment. By integrating the AcuLaser C8600 with a high quality business scanner – the GT-10000+ – EPSON has produced a multi-functional solution capable of copying all types of documents up to A3 in size, at high speed with superb quality. The Color Station 8600 can produce a first colour copy out in 27 seconds, and will go on to produce subsequent pages at speeds up to 8 ppm in Colour or 35 ppm in Black & White. Optional Two sided copying (Duplex) is also supported.

Sophisticated and easy to use copying features such as One Scan Multi Copy, Page Joining and Separation, Zoom functions, Auto collation and Shadow removal, are available through a high quality back lit display panel. In addition to the copy functionality, a Color Station 8600 provides fully networked High quality Colour Laser Printing in page sizes up to A3, and the facility of networked scanning all in a package at a fraction of the cost of traditional connected colour copiers. In addition thanks to it's low maintenance printer design the cost of running an Color Station 8600 is no more expensive than running an EPSON Colour Laser Printer.

The Color Station 8600 can be purchased as one complete unit or by upgrading an existing AcuLaser C8600 with a Color Station kit.

For more detail please go to **www.epson.co.uk/product/cs8600**